

CLAIMS

- 1        1. A battery charger amusement device comprising:
  - 2              a battery charger having a receptacle adapted to receive a rechargeable
  - 3              battery, the battery having a charge status;
  - 4              an electronic circuit monitoring charge status; and
  - 5              a mechanical movement signal activated upon the battery attaining a
  - 6              preselected charge status as measured by said electronic circuit.
  
- 1        2. The device of claim 1 further comprising a second electronic  
2              circuit communicating information independent of charge status.
  
- 1        3. The device of claim 1 further comprising an AC coupler.
  
- 1        4. The device of claim 1 wherein the battery is selected from a  
2              group consisting of: AAA, AA, B, C, D and 9 volt.
  
- 1        5. The device of claim 2 wherein said electronic circuit further  
2              comprises a microprocessor.
  
- 1        6. The device of claim 2 wherein the information is of a type  
2              selected from the group consisting of language, text, music, light, movement  
3              and video.

1           7.       The device of claim 1 further comprising a housing.

1           8.       The device of claim 1 wherein said mechanical movement  
2       signal is selected from a group consisting of: release of a spring, activation of  
3       an electric drive motor to create a mechanical movement, deactivation of said  
4       electrical motor, and movement of a liquid or powder.

1           9.       The device of claim 7 wherein said housing is configured in a  
2       form selected from the group consisting of humanoid, animate, vehicular and  
3       natural.

1           10.      The device of claim 1 further comprising a light.

1           11.      The device of claim 2 further comprising a user input interface  
2       to said electronic circuit.

1           12.      A battery charger amusement device comprising:  
2                 a battery charger having a receptacle adapted to receive a rechargeable  
3       battery, the battery having a charge status;  
4                 an electronic circuit activated by the rechargeable battery being inserted  
5       into the receptacle, said electronic circuit monitoring charge status;  
6                 a spring compressed by the rechargeable battery being inserted into the  
7       receptacle; and

8           a spring release triggered by said electronic circuit in response to the  
9       charge status of the battery.

1           13.     The device of claim 12 further comprising an AC coupler.

1           14.     The device of claim 12 wherein the battery is selected from a  
2       group consisting of: AAA, AA, B, C, D and 9 volt.

1           15.     The device of claim 12 further comprising a housing.

1           16.     The device of claim 15 wherein said housing is configured in a  
2       form selected from the group consisting of an appliance, a jack-in-the-box, and  
3       a figurine.

1           17.     The housing of claim 15 further comprising a light.

1           18.     The device of claim 12 further comprising a second electronic  
2       communicating information independent of charge status.

1           19.     The device of claim 12 further comprising a battery caddy  
2       electrically intermediate between the battery and said receptacle.

1           20.     A process for charging a battery comprising the steps of:

- 2            placing a rechargeable battery into a device according to claim 1 for a
- 3            charging duration;
- 4            receiving a mechanical movement signal from said device indicating
- 5            charge status of the battery; and
- 6            removing the battery from said device after the charging duration.